

Converting Colors

CIELCh(79, 34.858, 295.857)

Have a look what the booklet for
CIELCh(79, 34.858, 295.857)
contains.

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Color

CIELCh(79, 34.858, 295.857)

Conversions

Conversions Part 1

Format	Color
Hex	C2BDFE
RGB	194, 189, 254
RGB Percent	76%, 74%, 100%
CMY	0.2398, 0.2594, 0.0045
CMYK	0.24, 0.26, 0.00, 0.00
HSL	245°, 97%, 87%
HSV	245°, 26%, 100%
XYZ	58.2412, 54.9284, 101.1699
YIQ	197.9050, -17.8850, 21.2750

Conversions

Conversions Part 2

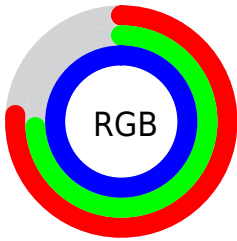
Format	Color
RYB	194, 189, 254
Decimal	12762622
CIELab	79.00, 15.20, -31.37
CIELCh	79, 34.858, 295.857
Yxy	54.9284, 0.2717, 0.2563
Android (android.graphics.Color)	4290952702 (0xFFC2BDFE)
YUV	197.9050, 27.6548, -3.4247
Hunter-Lab	74.1137, 10.5726, -29.0550

Details

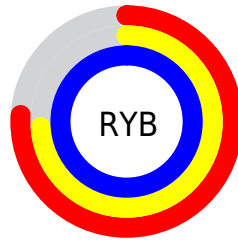
The CIELCh color `79, 34.858, 295.857` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 32.798, 111.005`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 5.555, 312.614`, and `59, 34.648, 295.593` is the 20% darker color. If you saturate the color by 10%, you get `71, 49.499, 297.213`, and if you desaturate by 10%, it is `87, 20.807, 294.691`.

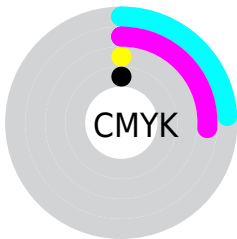
Distribution



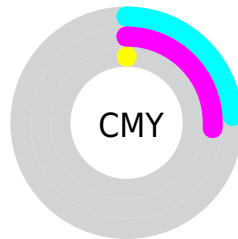
- Red (76%)
- Green (74%)
- Blue (100%)



- Red (76%)
- Yellow (74%)
- Blue (100%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (26%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 34.858, 295.857 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 79, 34.858, 295.857 by changing the saturation by 10% instead.


 79, 34.858,
295.857

 79, 34.858,
295.857


 100, 34.858,
295.857


 69, 34.858,
295.857


 99, 34.858,
295.857

 59, 34.858,
295.857

 49, 34.858,
295.857

 39, 34.858,
295.857

 29, 34.858,
295.857

 19, 34.858,
295.857

 9, 34.858, 295.857

■ 0, 34.858, 295.857

■ 79, 34.858,
295.857

■ 79, 34.858,
295.857

■ 71, 49.499,
297.213

■ 87, 20.807,
294.691

■ 63, 64.720,
298.769

■ 95, 7.327, 293.698

■ 55, 80.392,
300.502

100, 0.573,
110.000

■ 48, 96.122,
302.333

■ 41, 110.990,
304.092

■ 36, 123.301,
305.503

■ 33, 130.965,
306.273

■ 32, 132.979,
306.461

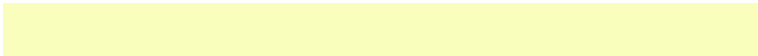
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79, 34.858, 295.857



98, 32.798, 111.005

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 34.858, 295.857



79, 34.858, 345.857



79, 34.858, 115.857



79, 34.858, 165.857

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79, 34.856, 295.856



94, 10.549, 293.921



94, 19.745, 204.738



49, 7.519, 294.066



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 34.856, 295.856



75, 42.845, 296.565



82, 36.803, 312.521



49, 7.519, 294.066



23, 107.383, 306.514



4, 44.309, 303.281

Inverse Universe

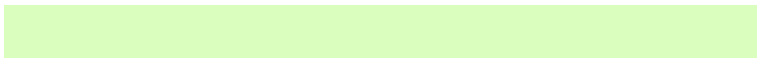
The Inverse Universe completely reimagines the original color for something new.



84, 38.718, 328.054



81, 46.968, 328.368



96, 35.708, 130.199



50, 8.594, 327.105



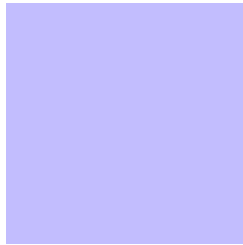
45, 87.623, 331.557



12, 40.605, 331.127

Previews

White Background



This preview shows how the CIELCh color 79, 34.858, 295.857 looks on a white background.

Color Contrast Check

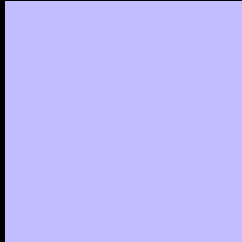
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 34.858, 295.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

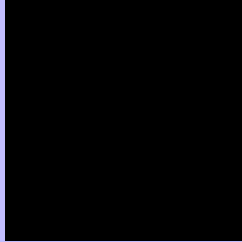
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 34.858, 295.857

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.858, 295.857.

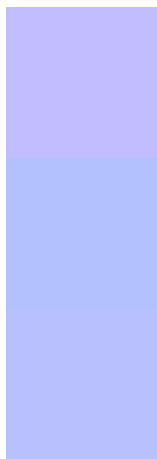


This preview shows how white text looks on a background with the CIELCh color 79, 34.858, 295.857.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

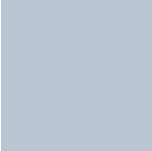
79, 34.858, 295.857

Protanopia

79, 33.280, 285.550

Deuteranopia

79, 32.636, 288.609



Tritanopia
79, 8.809, 264.977

Trichromacy



Original Color
79, 34.858, 295.857

Protanomaly
79, 34.241, 289.512

Deuteranomaly
79, 33.145, 291.449

Tritanomaly
79, 17.684, 286.252

Monochromacy



Original Color
79, 34.858, 295.857

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.295, 292.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.858, 295.857 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 189, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 189, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 189, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 189, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.858, 295.857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 189, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 189, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 189, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 189, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 189, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 189,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.858, 295.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 189, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
189, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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